

INTERNATIONAL SEARCH REPORT

PCT/GB2005/002461

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B60Q9/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B60Q E05B G08B B60R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3 381 269 A (LLOYD W. FIERBAUGH ET AL) 30 April 1968 (1968-04-30) column 1, lines 28-44 column 2, line 5 - column 4, line 56 figures	13-16, 18, 31-34, 36
Y		1-12, 17, 19-30, 35
Y	DE 298 08 977 U1 (TROMMLITZ, JOACHIM, 42651 SOLINGEN, DE) 13 August 1998 (1998-08-13) page 4, line 5 - page 7, line 14; figures	1-12, 17, 19-30, 35
A	US 4 482 885 A (MOCHIDA ET AL) 13 November 1984 (1984-11-13) the whole document	1-36
	----- -/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *S* document member of the same patent family

Date of the actual completion of the international search

20 September 2005

Date of mailing of the international search report

07/10/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Sallard, F

INTERNATIONAL SEARCH REPORT

PCT/GB2005/002461

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 357 003 A (KABUSHIKI KAISHA TOKAI RIKA DENKI SEISAKUSHO) 29 October 2003 (2003-10-29) the whole document	1-36
A	US 4 495 484 A (KAWAKATSU ET AL) 22 January 1985 (1985-01-22) the whole document	1-36

INTERNATIONAL SEARCH REPORT

Information on patent family members

PCT/GB2005/002461

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 3381269	A	30-04-1968	NONE	
DE 29808977	U1	13-08-1998	NONE	
US 4482885	A	13-11-1984	DE 3146099 A1	15-07-1982
			FR 2494648 A1	28-05-1982
			GB 2088608 A	09-06-1982
			JP 1408199 C	27-10-1987
			JP 57090447 A	05-06-1982
			JP 62016848 B	15-04-1987
EP 1357003	A	29-10-2003	CN 1479009 A	03-03-2004
			US 2004004398 A1	08-01-2004
US 4495484	A	22-01-1985	NONE	